

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : PATENT APPLICATION  
:   
NISHA SHUKLA ET AL. : PROTECTIVE OVERCOAT  
: LAYER FOR MAGNETIC  
: RECORDING DISCS HAVING  
Serial No.: unassigned : ENHANCED CORROSION  
: RESISTANCE PROPERTIES  
Filed: herewith :  
:

**POWER OF ATTORNEY**

We, Seagate Technology LLC, a Delaware corporation, as assignee of the above-identified application, hereby appoint the following attorney(s) and/or agent(s) to prosecute and to transact all business in the Patent and Trademark Office in connection with the above-identified application: Lynn J. Alstadt, Registration No. 29,362; Jose J. Aparicio, Registration No. 48,837; George Patrick Baier, Registration No. 26,717; Dennis M. Carleton, Registration No. 40,938; Craig G. Cochenour, Registration No. 33,666; Michael L. Dever, Registration No. 32,216; John E. Grosselin, III, Registration No. 38,478; Bryan H. Opalko, Registration No. 40,751; Michael G. Panian, Registration No. 32,623; and Carla J. Vrsansky, Registration No. 36,958 of the firm of Buchanan Ingersoll Professional Corporation.

In addition, the undersigned appoints Carol I. Bordas, Registration No. 37,284; Derek J. Berger, Registration No. 45,401; Kirk A. Cesari, Registration No. P-47,479; Shawn B. Dempster, Registration No. 34,321; Raghunath Minsandram, Registration No. 38,683; Johathan E. Olson, Registration No. 41,231 and Paul Dietz, Registration No. 38,858 of Seagate Technology LLC as attorneys and/or patent agents with the full power to represent the application in connection with this application.

Address all correspondence to:

**Bryan H. Opalko**

**Buchanan Ingersoll Professional Corporation**

**One Oxford Centre**

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**Pittsburgh, Pennsylvania 15219-1410**

**e-mail: opalkobh@bipc.com**

**voice: 412-562-1893**

**fax: 412-562-1041**

Date

11/28/01

Seagate Technology LLC

By

Carol I. Bordas

Carol I. Bordas

10015870-12401  
T02220285T001

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing      OR      ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	011083
First Named Inventor	Shukla et al.
<b>COMPLETE IF KNOWN</b>	
Application Number	unassigned
Filing Date	herewith
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROTECTIVE OVERCOAT LAYER FOR MAGNETIC RECORDING DISCS HAVING  
ENHANCED CORROSION RESISTANCE PROPERTIES

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☐ Customer Number  or ☒ Correspondence address below

Name Bryan H. Opalko, Buchanan Ingersoll, P.C.

Address 301 Grant Street, One Oxford Centre, 20th Floor

City Pittsburgh

State PA

ZIP 15219

Country USA

Telephone 412/562-1893

Fax 412/562-1041

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any]) NishaFamily Name  
or Surname ShuklaInventor's  
Signature *Nisha Shukla*

Date Dec 3, 2001

Residence: City Pittsburgh

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Country USA

Citizenship Indian

Mailing Address Apt. 405, 515 S. Aiken Avenue

City Pittsburgh

State PA

ZIP 15232

Country USA

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any]) RajFamily Name  
or Surname ThangarajInventor's  
Signature *Ashangiraj*

Date 12/10/01

Residence: City Fremont

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Country USA

Citizenship Indian

Mailing Address *40580 La Purissima Way*  
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City Fremont

State CA

ZIP 94539

Country USA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → +

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## DECLARATION

## ADDITIONAL INVENTOR(S)

Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

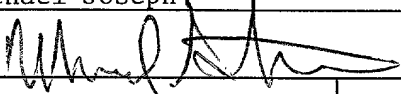
Given Name (first and middle [if any])

Family Name or Surname

Michael Joseph

Stirniman

Inventor's  
Signature



Date 12/11/01

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State CA

ZIP 94538

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Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

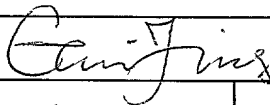
Given Name (first and middle [if any])

Family Name or Surname

Jing

Gui

Inventor's  
Signature



Date 12/10/01

Residence: City Fremont

State CA

Country USA

Citizenship USA

Mailing Address

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City Fremont

State CA

ZIP 94539

Country USA

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

Mailing Address

City

State

ZIP

Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Nisha Shukla et al.Application No./Patent No.: unassigned Filed/Issue Date: herewithEntitled: PROTECTIVE OVERCOAT LAYER FOR MAGNETIC RECORDING DISCS HAVINGENHANCED CORROSION RESISTANCE PROPERTIESSeagate Technology LLC, a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

10/015870  
12/12/01  
JG715 U.S. PTO

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11/28/01  
Date

Carol I. Bordas

Typed or printed name  
Carol I. Bordas  
Signature  
DIVISION IP COUNSEL  
Title

## Assignment

WHEREAS, We, NISHA SHUKLA, RAJ THANGARAJ, MICHAEL STIRNIMAN and JING GUI  
residing at Pittsburgh, Allegheny Co., PA; Fremont, Alameda Co., CA;  
Fremont, Alameda Co., CA; and Fremont, Alameda Co., CA; respectively  
have invented certain new and useful improvements in PROTECTIVE OVERCOAT LAYER FOR MAGNETIC RECORDING  
for which we executed an application for United States Letters Patent, DISCS HAVING ENHANCED CORROSION RESISTANCE  
PROPERTIES  
AND WHEREAS Seagate Technology LLC

hereinafter called the "assignee," is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof, including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED \_\_\_\_\_ 20\_\_

Nisha Shukla  
NISHA SHUKLA

(SEAL)

Raj Thangaraj  
RAJ THANGARAJ

(SEAL)

State of Pennsylvania

County of Allegheny

ss:

Michael Stirniman  
MICHAEL STIRNIMAN

(Seal)

Jing Gui  
JING GUI

(Seal)

Before me, a Notary Public in and for the said County and State, personally appeared:

NISHA SHUKLA

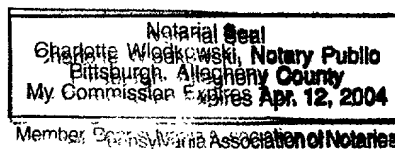
who acknowledged that they are the persons who executed the foregoing assignment and acknowledged it to be their free and voluntary act and deed.

Witness my hand and notarial seal this 3 day of DECEMBER, 2001.

(Notarial Seal)

Charlotte Wlodkowski  
Notary Public

NOTE - This assignment should be recorded in the U.S. Patent and Trademark Office within three months after its date of execution.



State of California

ss:

County of Alameda

Before me, a Notary Public in and for the said County and State, personally appeared.

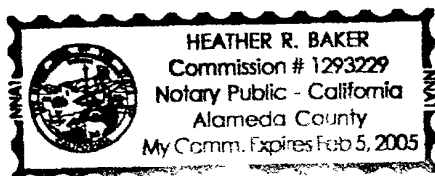
RAJ THANGARAJ

who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 10 day of December, 2001

(Notarial Seal)

Heather R. Baker  
Notary Public



State of California

ss.

County of Alameda

Before me, a Notary Public in and for the said County and State, personally appeared:

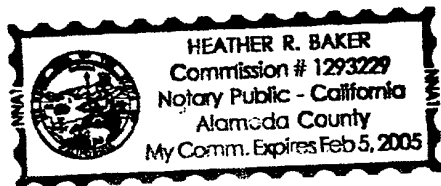
MICHAEL STIRNIMAN

who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 11 day of December, 2001

(Notarial Seal)

Heather R. Baker  
Notary Public





State of California

ss:

County of Alameda

Before me, a Notary Public in and for the said County and State, personally appeared  
JING GUI

who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 10 day of December, 2001

(Notarial Seal)

Heather R. Baker  
Notary Public

